

REPLACEMENT SHEET

1/8

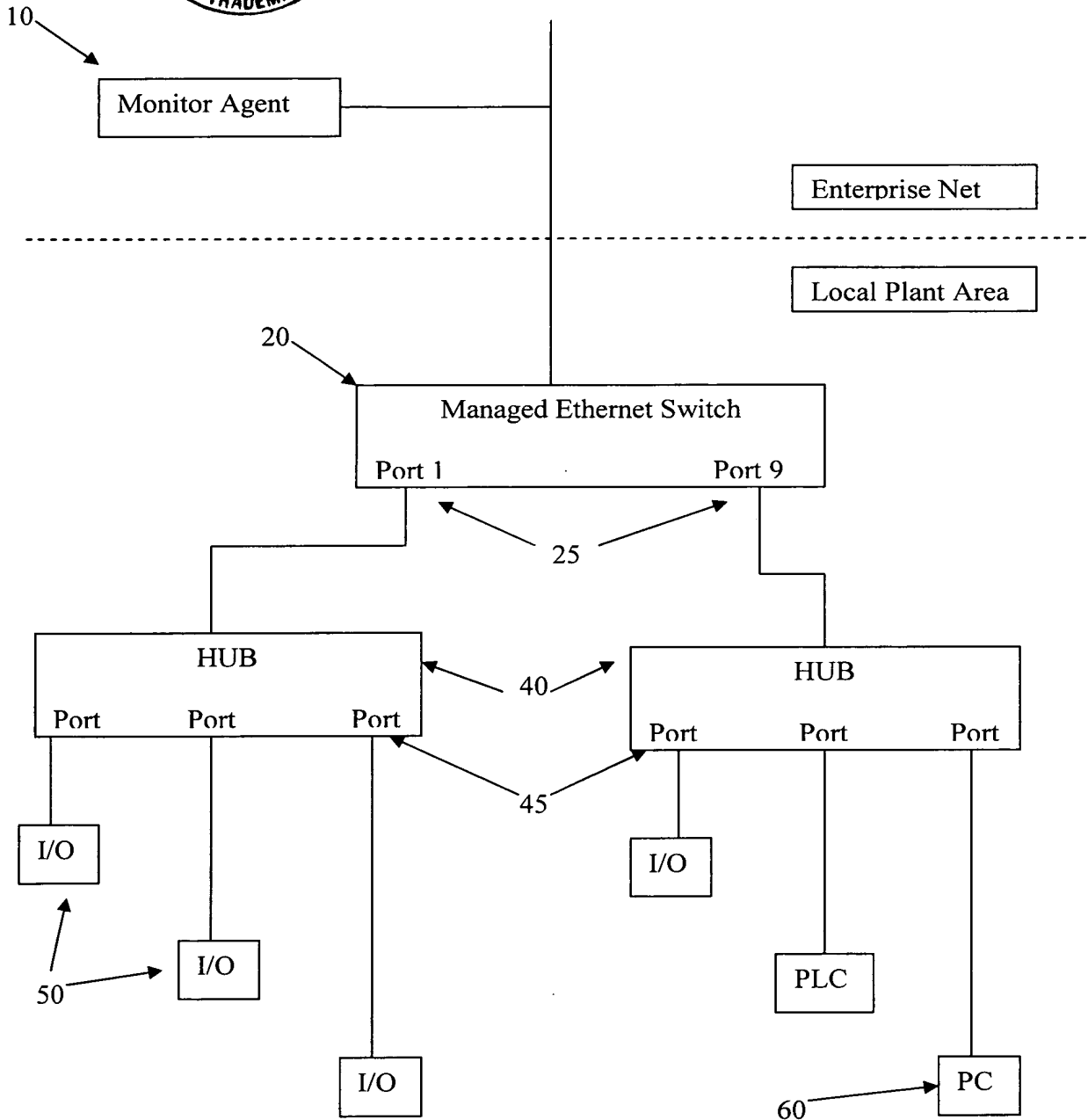
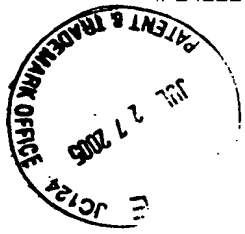
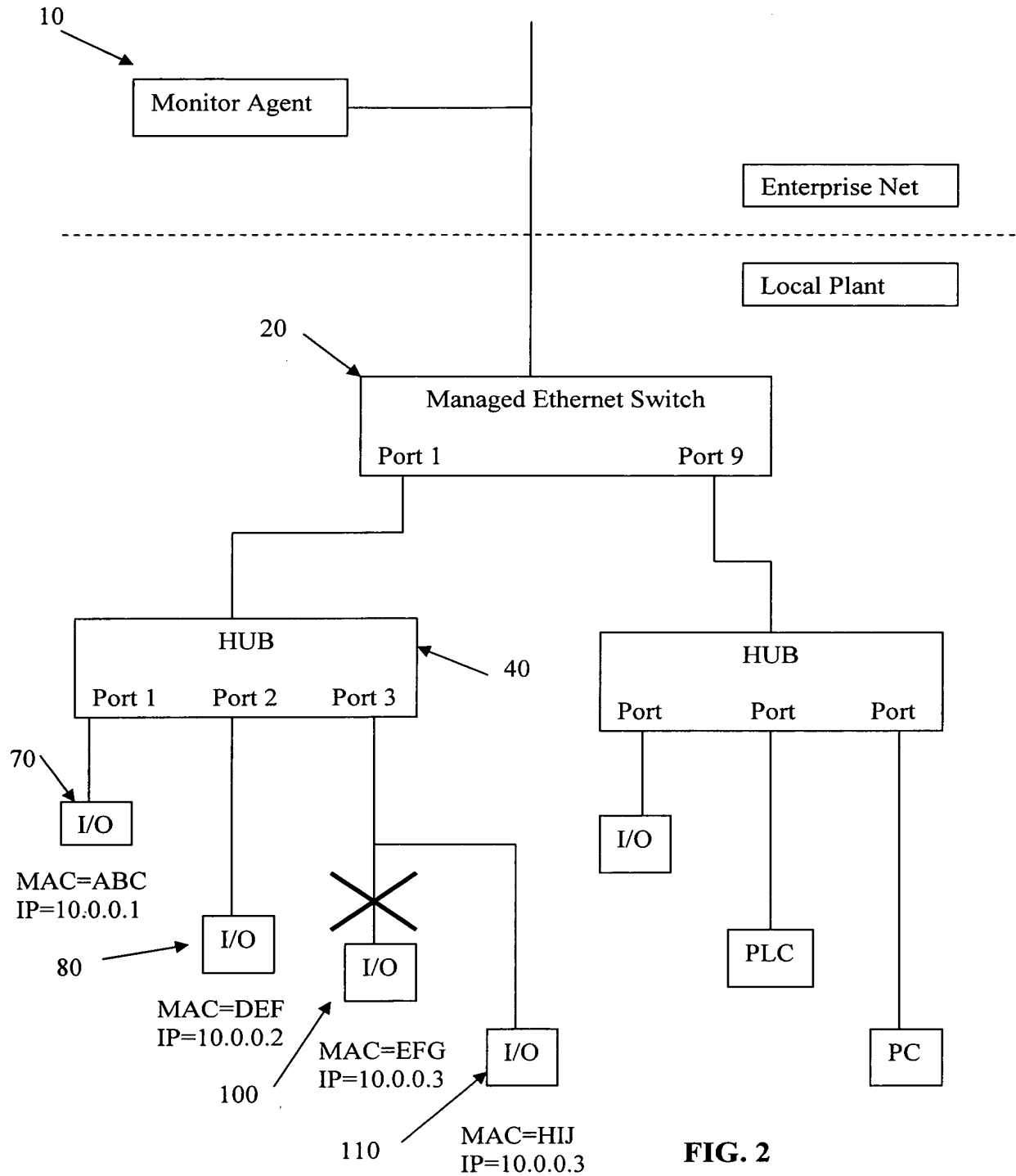


FIG. 1

REPLACEMENT SHEET

2/8



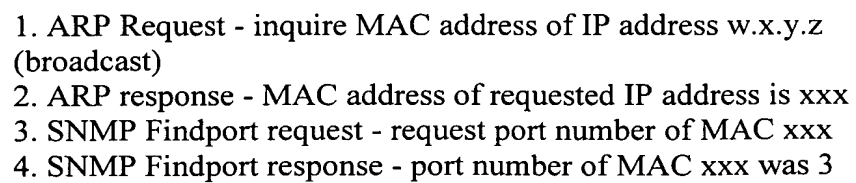
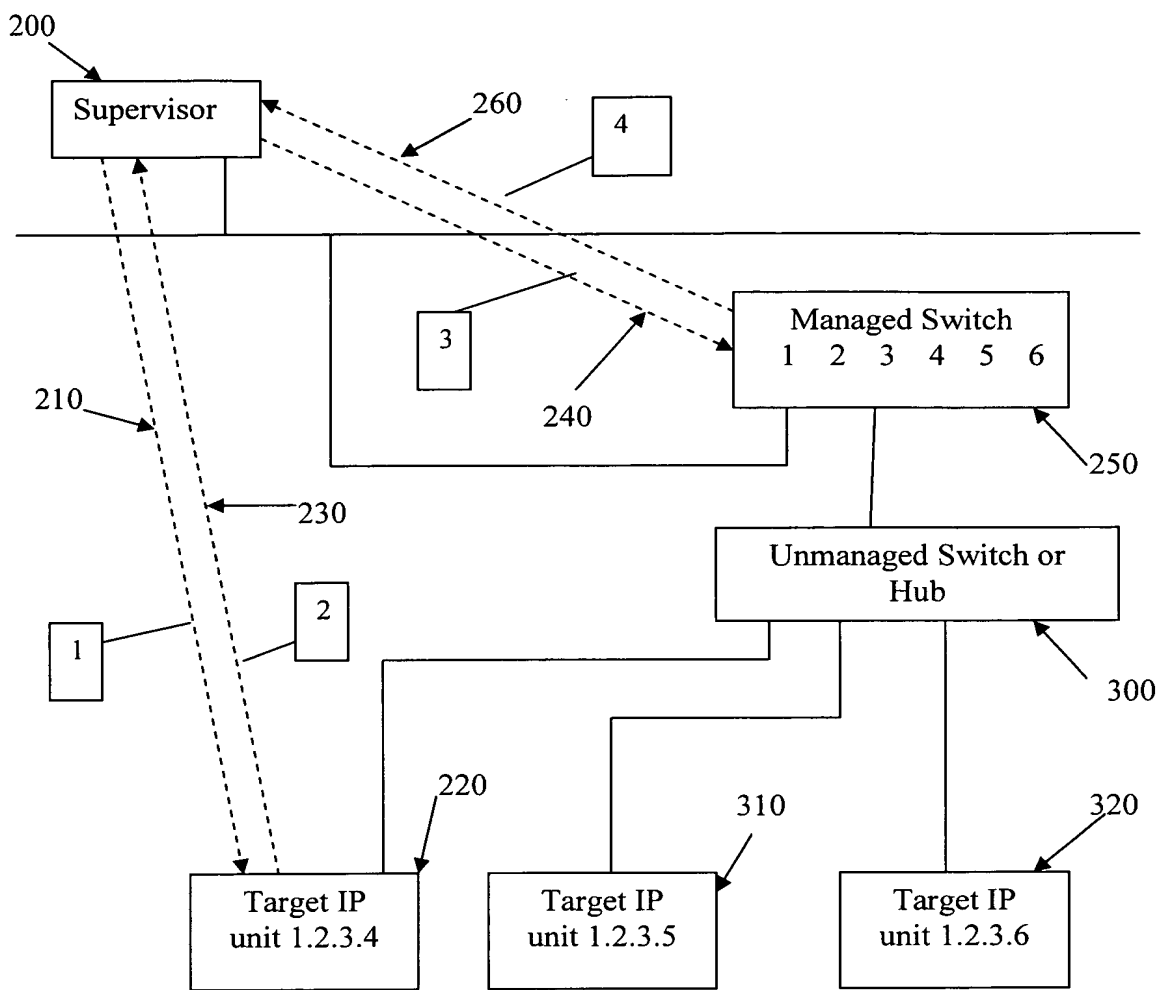


FIG. 3

REPLACEMENT SHEET

4/8

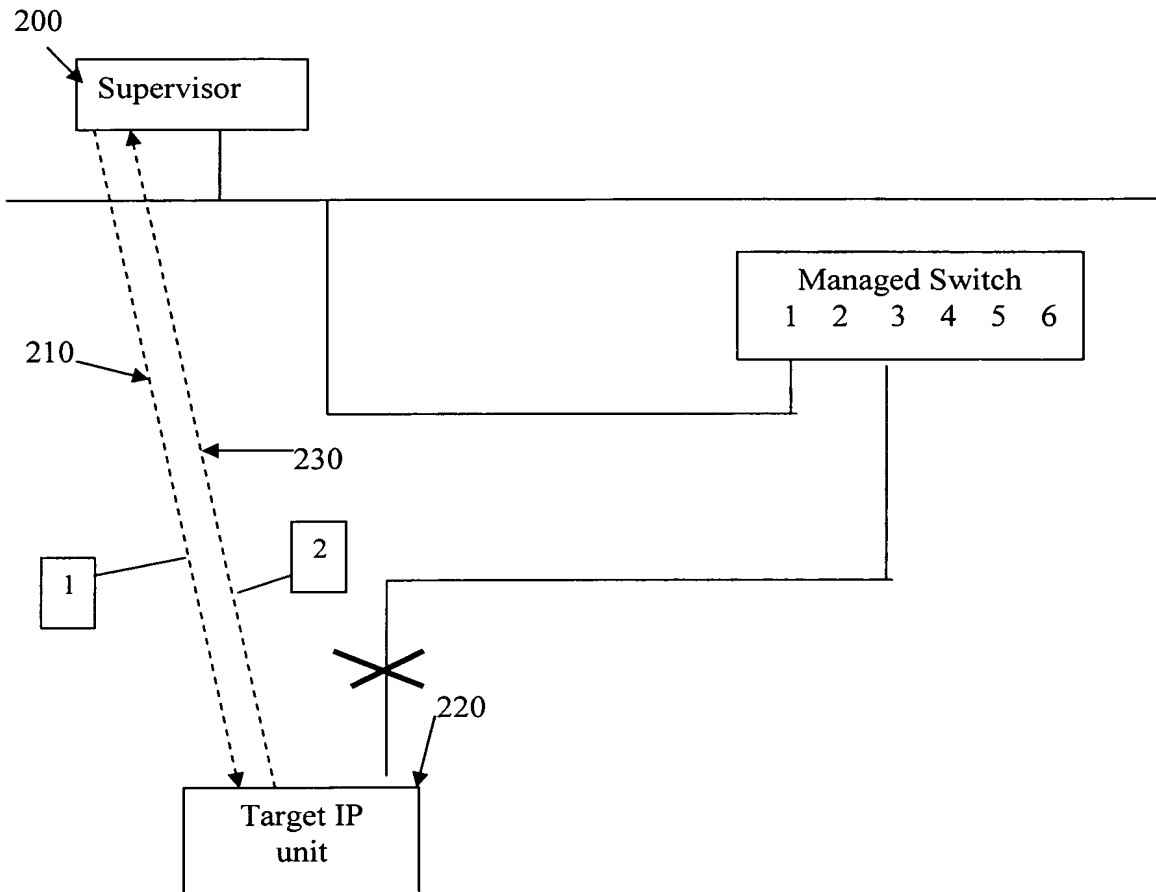


1. ARP Request - inquire MAC address of selected IP address 1.2.3.4 (broadcast)
 2. ARP response - MAC address of requested IP address is xxx
 3. SNMP Findport request - request port number of MAC xxx
 4. SNMP Findport response - port number of MAC xxx was 3
- Targets are automatically determined to be sharing port 3 of the switch.

FIG. 4

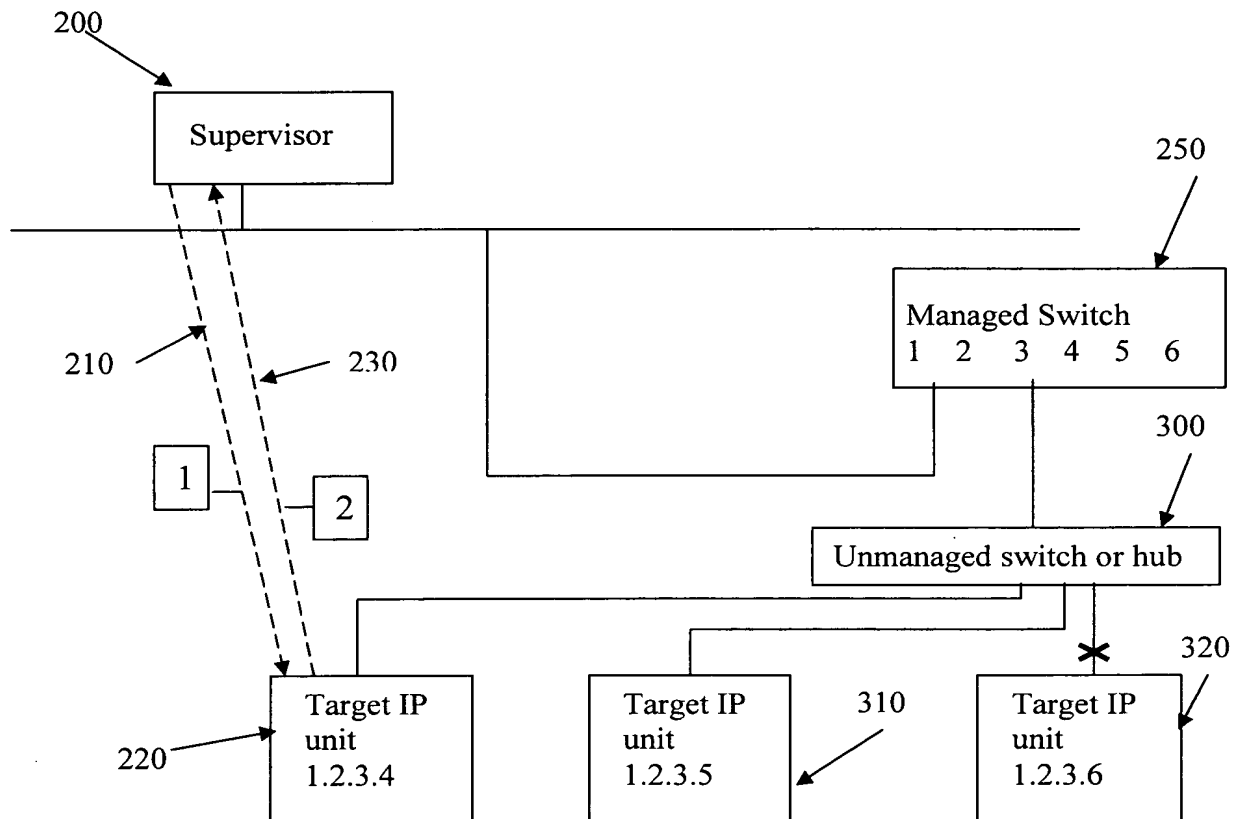
REPLACEMENT SHEET

5/8



1. ARP Request - inquire MAC address of selected IP address (unicast)
 2. ARP response - MAC address of requested IP address is xxx
- If no response is received, signify that the target IP unit is 'down'

FIG. 5

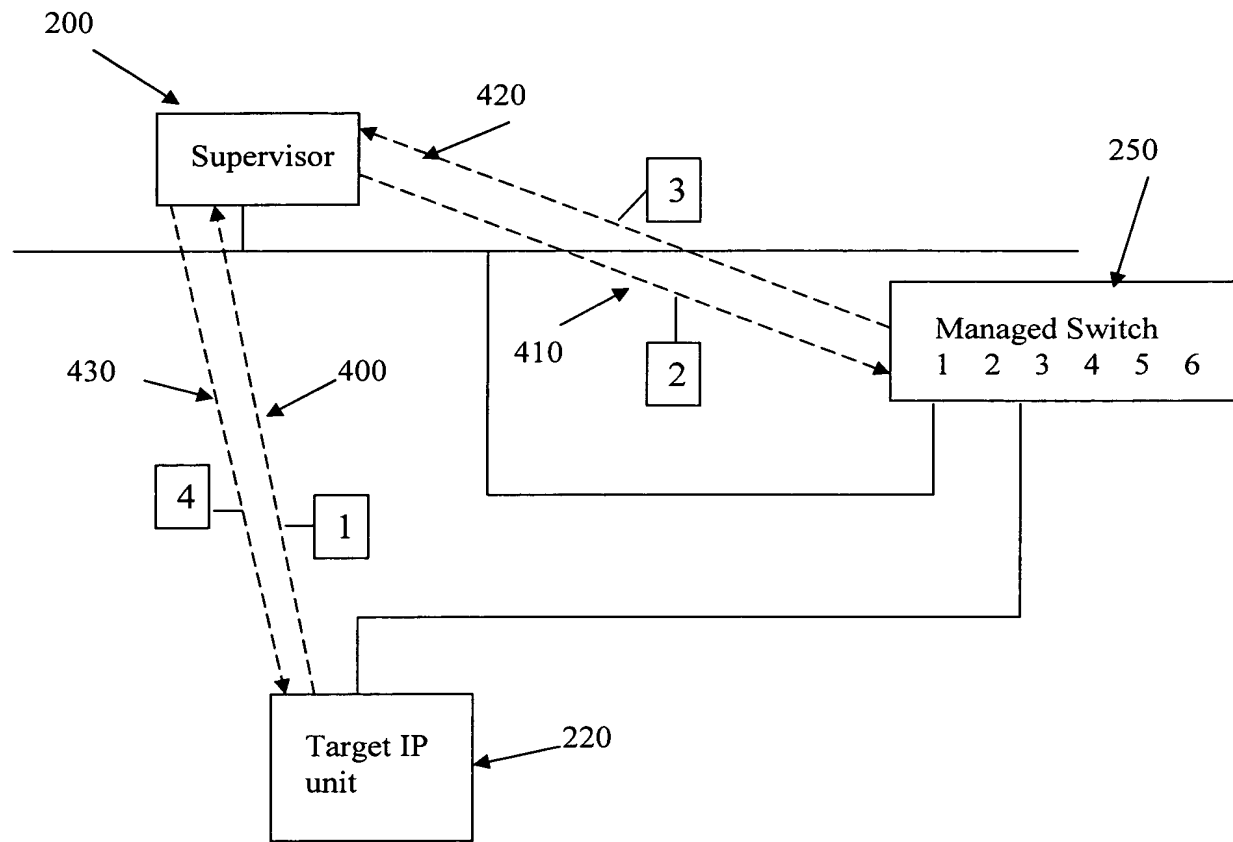


1. ARP Request - inquire MAC address of selected IP address 1.2.3.6 (unicast)
 2. ARP response - MAC address of requested IP address is xxx
- If no response is received, signify that the target IP unit is 'down'
- If 1.2.3.6 is the ONLY unit on port 3 of the switch which is down, then it is a candidate for automatic reallocation. If any of the other units found on this port are also down, automatic reallocation will be suppressed.

FIG. 6

REPLACEMENT SHEET

7/8

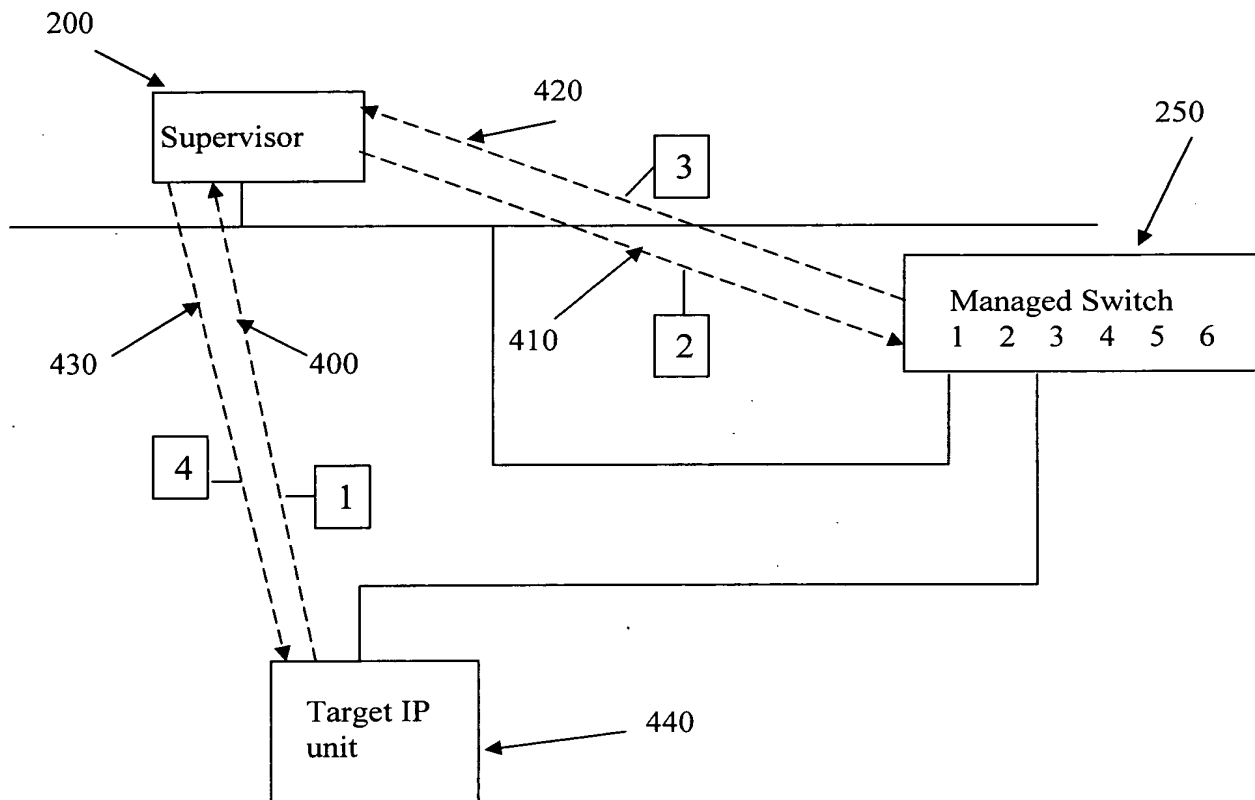


1. BOOTP request - please supply IP address for MAC xxx (broadcast)
2. SNMP Findport request - request port number of MAC xxx
3. SNMP Findport response - port number of MAC xxx was 3 (MAC xxx already associated with IP at that canonical location - OK to assign)
4. BOOTP response - IP address for MAC xxx is w.x.y.z

FIG. 7

REPLACEMENT SHEET

8/8



1. BOOTP request - please supply IP address for MAC xxx (broadcast)
2. SNMP Findport request - request port number of MAC xxx
3. SNMP Findport response - port number of MAC xxx was 3
(MAC xxx not known. However a **single** unit at that location is not currently responding. Update BOOTP equivalence table to record new IP assignment and authorize assignment)
4. BOOTP response - IP address for MAC xxx is w.x.y.z

FIG. 8